

bs-0481R**[Primary Antibody]**

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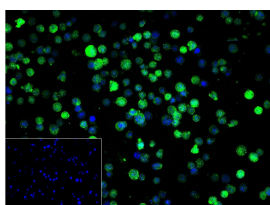
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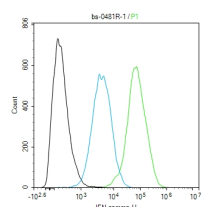
400-901-9800

IFN gamma Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 3458 Target: IFN gamma Immunogen: KLH conjugated synthetic peptide derived from human IFN Gamma: 81-166/166. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Mammalian Interferon gamma is mainly produced by T lymphocytes and NK cells. It is a pleiotropic cytokine involved in the regulation of nearly all phases of immune and inflammatory responses, including the activation, growth and differentiation of T cell, B cells, macrophages, NK cells and other cell types such as endothelial cells and fibroblasts. It has weak antiviral and antiproliferative activity, and potentiates the antiviral and anti tumor effects of IFN alpha / beta (type I interferon). It is upregulated by IL2, FGF basic, EGF and downregulated by vitamin D3 or DMN. Labile at pH 2.	Isotype: IgG SWISS: P01579	Applications: Flow-Cyt (1ug/Test) ICC/IF (1:50-200) Reactivity: Human Predicted MW.: 15 kDa Subcellular Location: Secreted
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— VALIDATION IMAGES —

4% Paraformaldehyde-fixed Jurkat (Treated with PMA (25 ng/mL, 6 h) and ionomycin (1 µg/mL, 6 h), BFA (5 µg/ml, last 5 h)) (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (IFN gamma) polyclonal Antibody, unconjugated (bs-0481R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The Jurkat (Treated with PMA (25 ng/mL, 6 h) and ionomycin (1 µg/mL, 6 h), BFA (5 µg/ml, last 5 h)) (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Rabbit Anti-IFN gamma antibody (bs-0481R): 1 µg/10⁶ cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488 (bs-60295G-BF488): 1 µg/test. Blank control (black): PBS. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=10.761]** Linghong Huang. et al. Natural blood plasma-based hydrogels as tumor vaccines delivery systems to enhance biomimetic recruitment of antigen presenting cells for tumor immunotherapy. MATER TODAY BIO. 2022 Dec;17:100497 IF ;Mouse. 36420056
- **[IF=8.44]** He Yangsong. et al. Multi-perspective comparison of the immune microenvironment of primary colorectal

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- cancer and liver metastases. J TRANSL MED. 2022 Dec;20(1):1-13 IF ;Human. 36195882
- **[IF=6.6]** Hanrui Liu. et al. Structural Variability of Lipoarabinomannan Modulates Innate Immune Responses within Infected Alveolar Epithelial Cells. Cells-Basel. 2022 Jan;11(3):361 WB ;Human. 35159170
 - **[IF=5.52]** Nimmagadda, Vamshi K., et al. "Overexpression of SIRT1 Protein in Neurons Protects against Experimental Autoimmune Encephalomyelitis through Activation of Multiple SIRT1 Targets." The Journal of Immunology (2013). Other ;="Mouse". 23547115
 - **[IF=6.208]** Yanan Hao. et al. Alginate Oligosaccharides Repair Liver Injury by Improving Anti-Inflammatory Capacity in a Busulfan-Induced Mouse Model. INT J MOL SCI. 2023 Jan;24(4):3097 WB,IF ;Mouse. 36834506